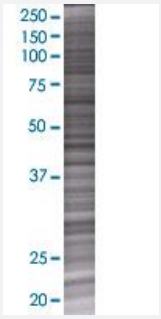
MPZL2 293T Cell Transient Overexpression Lysate(Denatured)

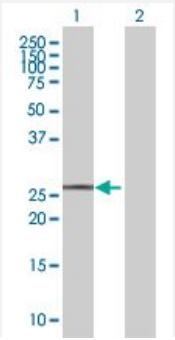
Catalog # H00010205-T01 Size 100 uL

Applications



SDS-PAGE Gel

MPZL2 transfected lysate.



Western Blot

Lane 1: MPZL2 transfected lysate (23.76 KDa)
Lane 2: Non-transfected lysate.

Specification

Product Description	
Transfected Cell Line	293T
Plasmid	pCMV-EVA1 full-length
Host	Human
Theoretical MW (kDa)	23.76
Interspecies Antigen Sequence	Mouse (81); Rat (82)

Quality Control Testing	Transient overexpression cell lysate was tested with Anti-EVA1 antibody (H00010205-B01) by Western Blots. SDS-PAGE Gel MPZL2 transfected lysate. Western Blot Lane 1: MPZL2 transfected lysate (23.76 KDa) Lane 2: Non-transfected lysate.
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — MPZL2

Entrez GeneID	10205
GeneBank Accession#	NM_005797.2
Protein Accession#	NP_005788.1
Gene Name	MPZL2
Gene Alias	EVA, EVA1
Gene Description	myelin protein zero-like 2
Omim ID	604873
Gene Ontology	Hyperlink
Gene Summary	Thymus development depends on a complex series of interactions between thymocytes and the stromal component of the organ. Epithelial V-like antigen (EVA) is expressed in thymus epithelium and strongly downregulated by thymocyte developmental progression. This gene is expressed in the thymus and in several epithelial structures early in embryogenesis. It is highly homologous to the myelin protein zero and, in thymus-derived epithelial cell lines, is poorly soluble in nonionic detergents, strongly suggesting an association to the cytoskeleton. Its capacity to mediate cell adhesion through a homophilic interaction and its selective regulation by T cell maturation might imply the participation of EVA in the earliest phases of thymus organogenesis. The protein bears a characteristic V-type domain and two potential N-glycosylation sites in the extracellular domain; a putative serine phosphorylation site for casein kinase 2 is also present in the cytoplasmic tail. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq

Other Designations	epithelial V-like antigen 1